

***LineUp With Math™* Alignment**  
**Mathematics Grade-Level Expectations**

**Number and Number Relations**

<b>Grade-Level Expectations</b>	<b><i>LineUp With Math™</i> Activities</b>
7. Use proportional reasoning to model and solve real-life problems (N-8-M)	--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.
8. Solve real-life problems involving percentages, including percentages less than 1 or greater than 100 (N-8-M) (N-5-M)	--Use percent relationships to resolve distance, rate, time conflicts in air traffic control.
9. Find unit/cost rates and apply them in real-life problems (N-8-M) (N-5-M) (A-5-M)	--Identify and resolve distance, rate, time conflicts in air traffic control problems by varying plane speeds or changing plane routes.

**Measurement**

<b>Grade-Level Expectations</b>	<b><i>LineUp With Math™</i> Activities</b>
18. Apply rate of change in real-life problems, including density, velocity, and international monetary conversions (M-1-M) (N-8-M) (M-6-M)	--Identify and resolve distance, rate, time conflicts in air traffic control problems by varying plane speeds or changing plane routes.

**Geometry**

<b>Grade-Level Expectations</b>	<b><i>LineUp With Math™</i> Activities</b>
30. Construct, interpret, and use scale drawings in real-life situations (G-5-M) (M-6-M) (N-8-M)	--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.